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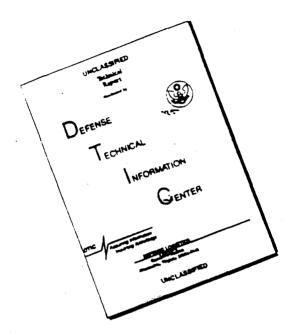


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19041

Junkers Flugsoug und Meterenwerke AG Airplane Decign and Description (10) Military Airplance (11) Airplance, Jet -- Handbooks, manuals, etc. (04608); Ju 287 (04602)

Photographe of Ju 207 turbojet banker

Junkers Flugsoug und Notorenwerke AG, Dessau P-78-3642-RS

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photos

A pictorial description of the Ju 287 with four and mix jet units is given. Photos of the four unit ship include take-off, landing, and slose-ups of the jet units and unconventional landing gear. Pictures of the six unit mock up whip show erew positions and controls; furelage structure; hydraulis, electric, fuel, and controls; pystems; and grouping, mounting, and components of the jet units. The framework of the various components of the fuselage is shown along with methods and recults of tensile and static lesss.

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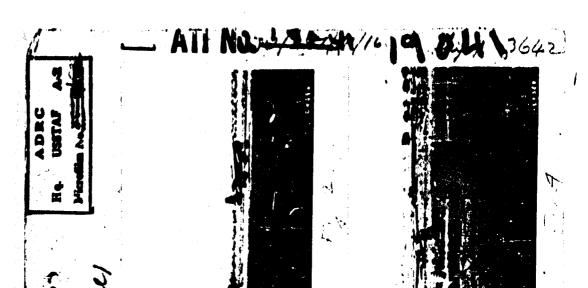
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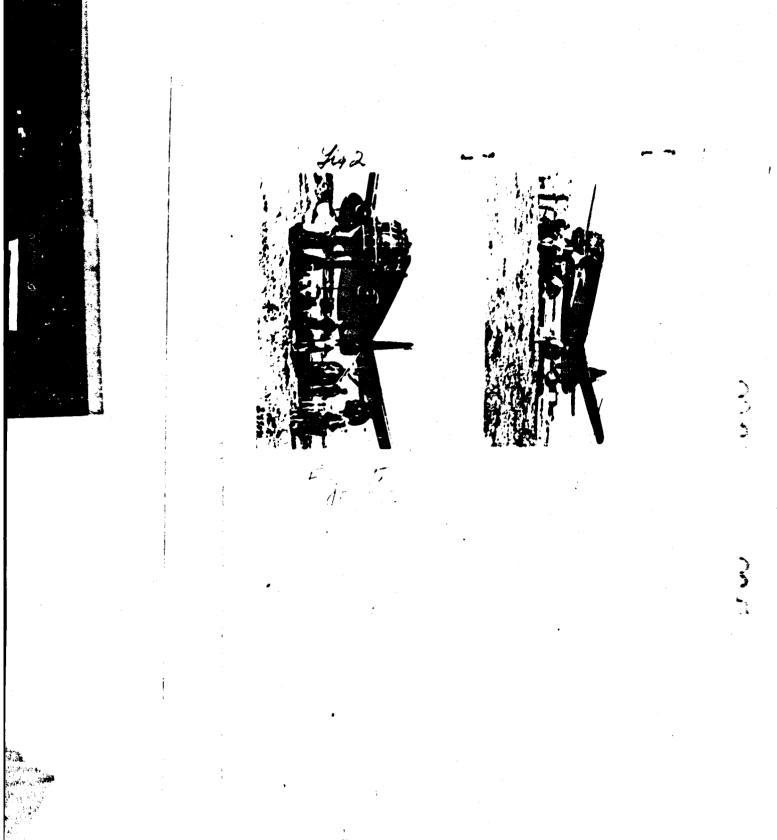


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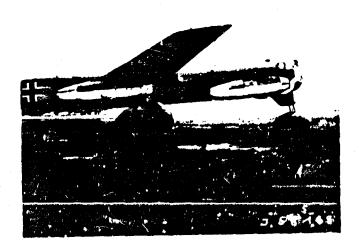


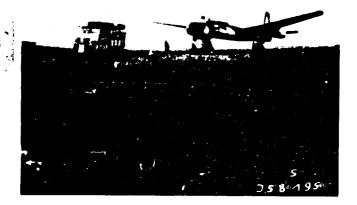
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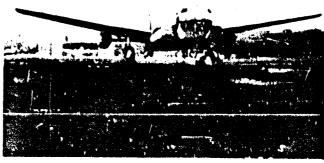


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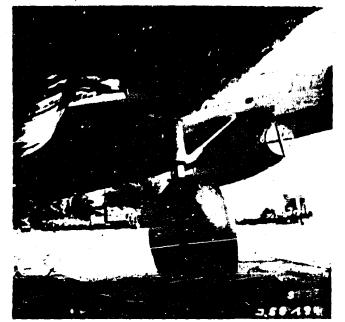


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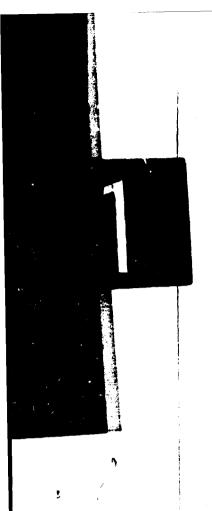


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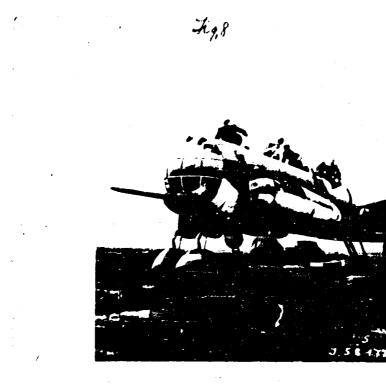




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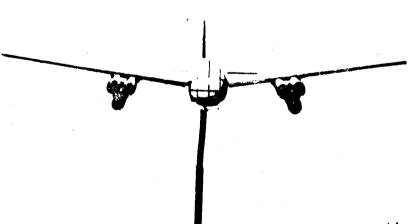


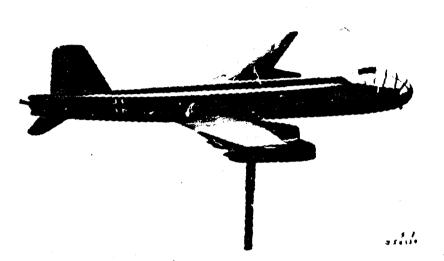


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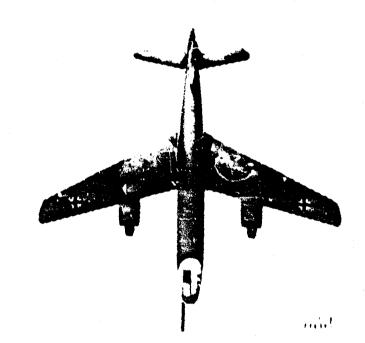
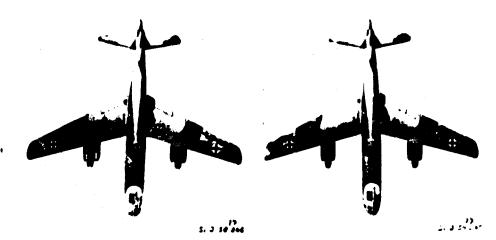
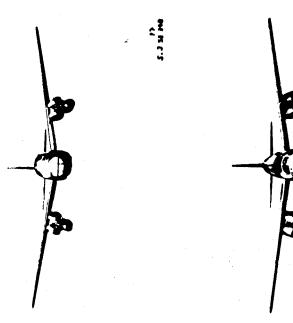
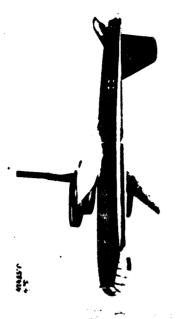


Fig. 11



287 Model









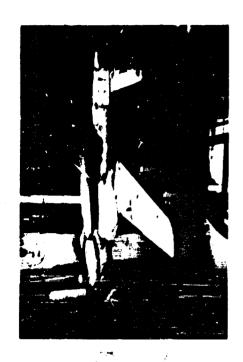




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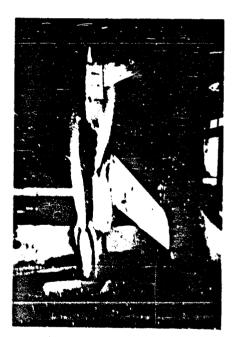












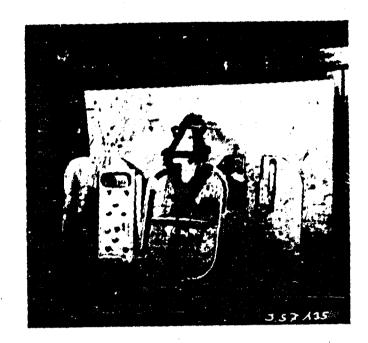




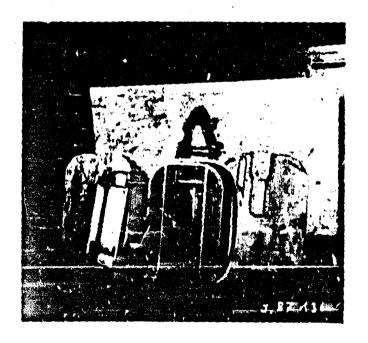
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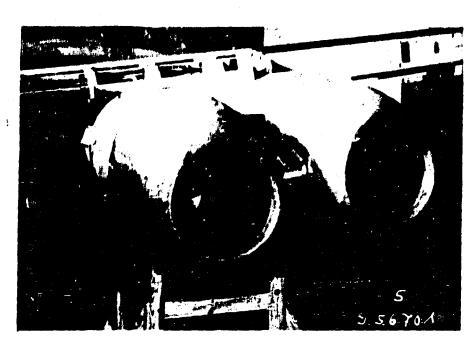




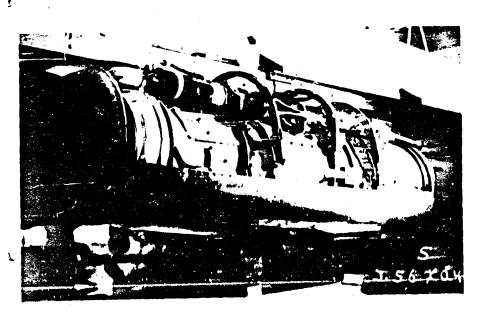


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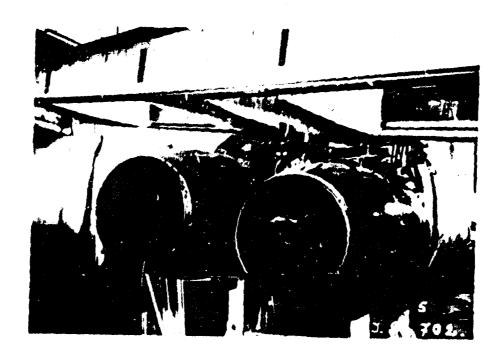




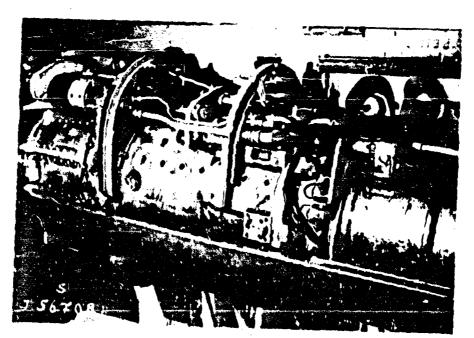
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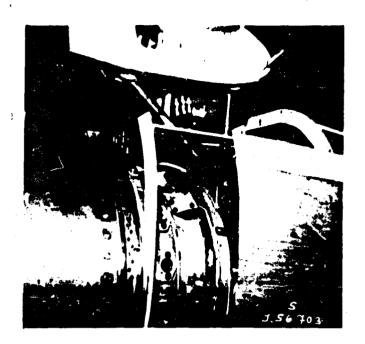
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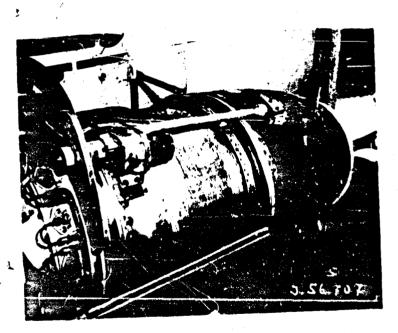
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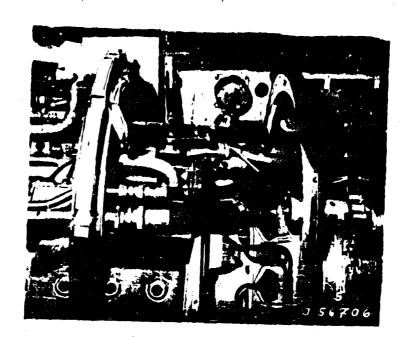
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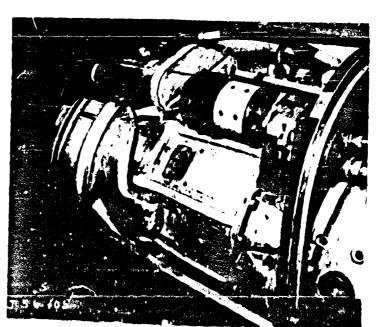
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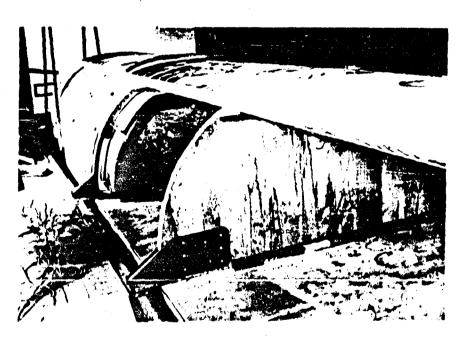
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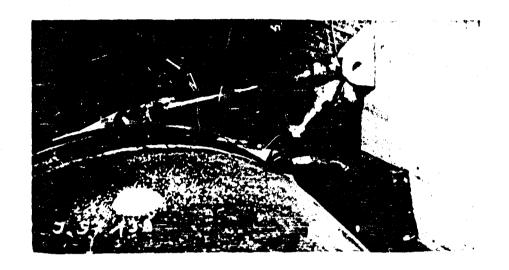
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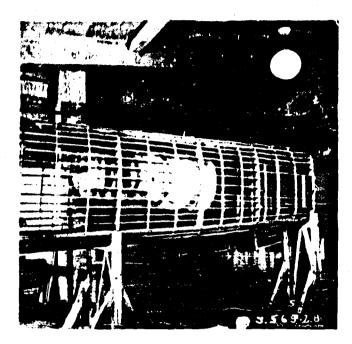
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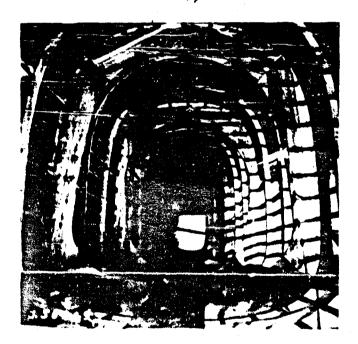
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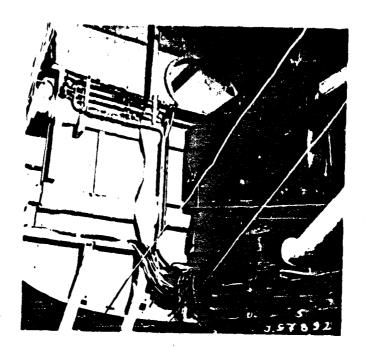


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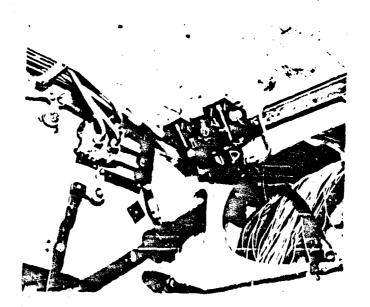


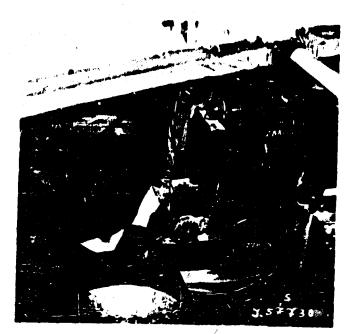
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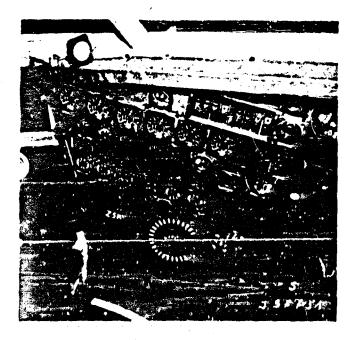


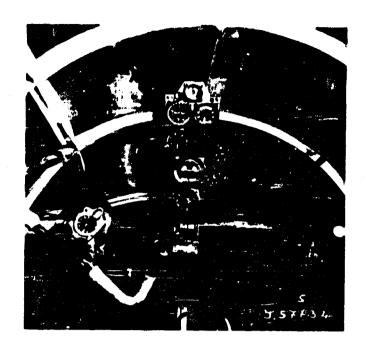
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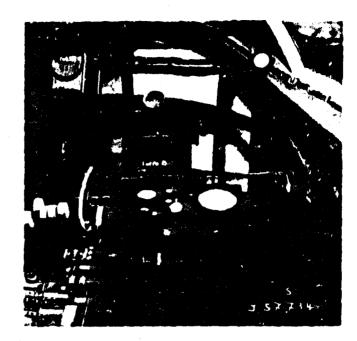


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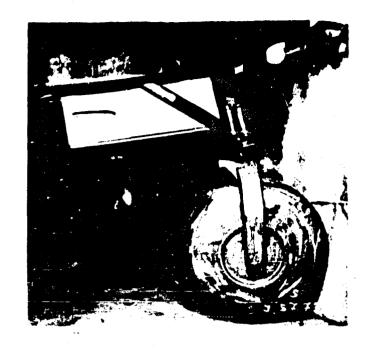




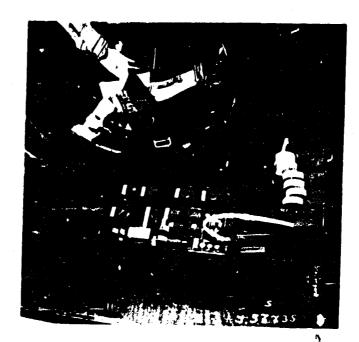


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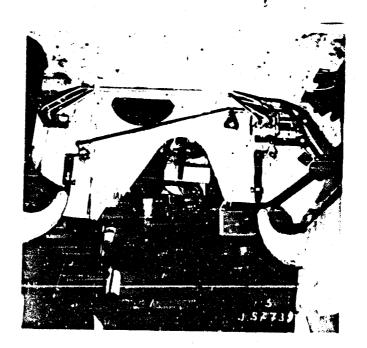




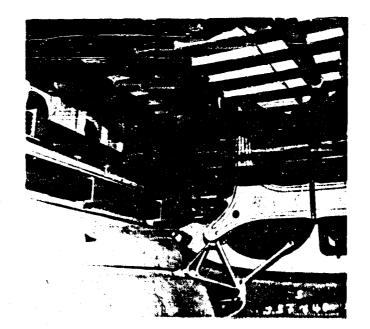




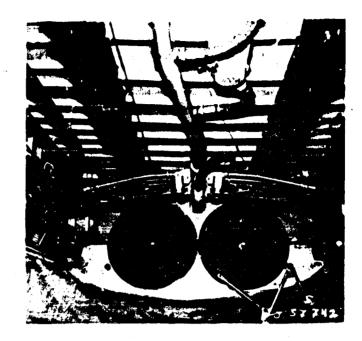
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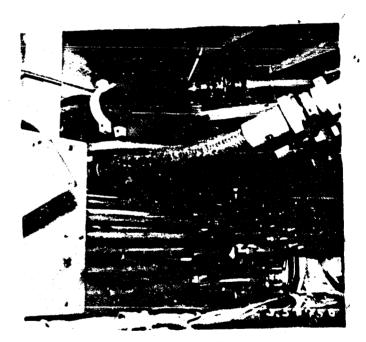


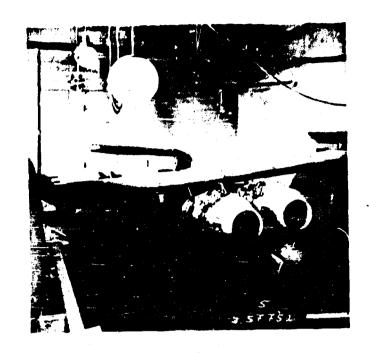


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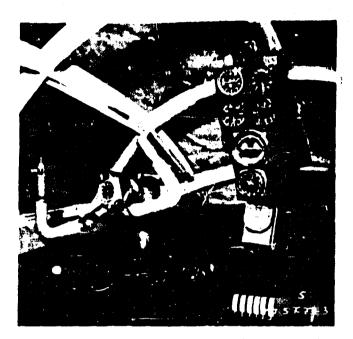


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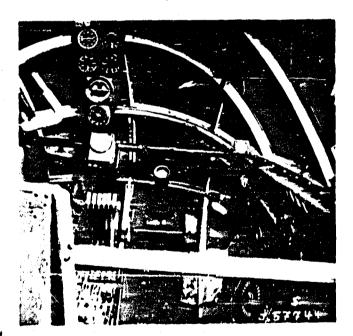




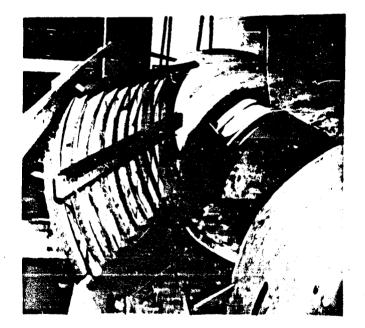


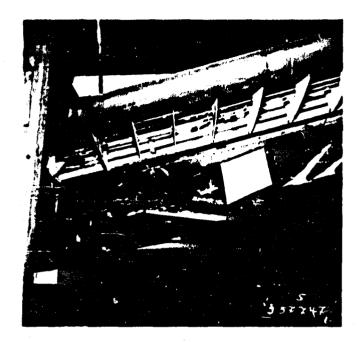


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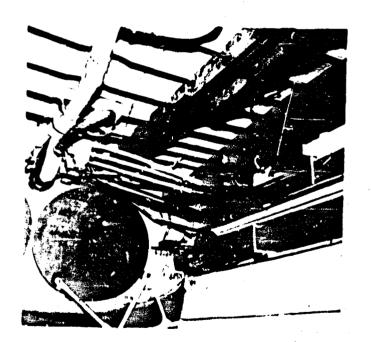








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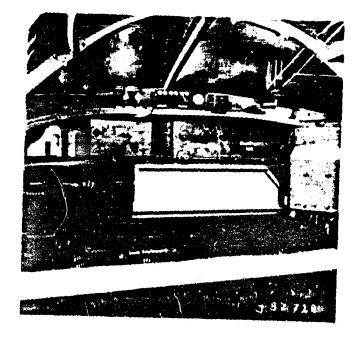




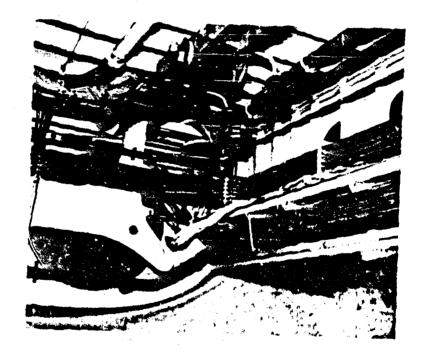




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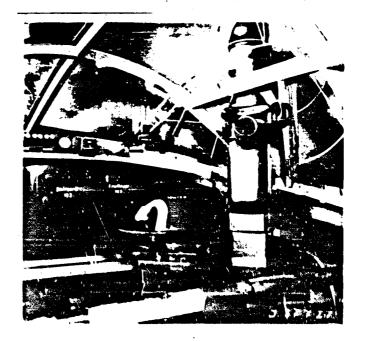




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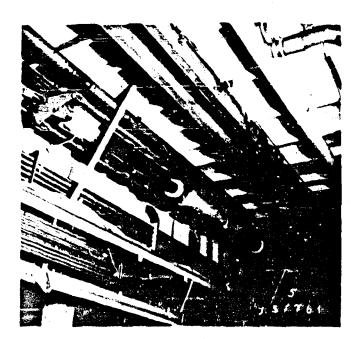




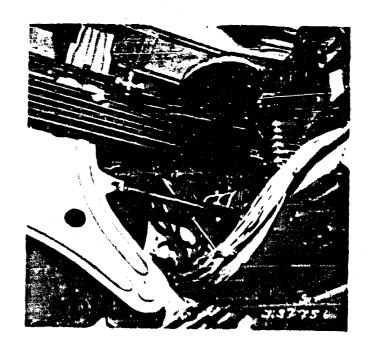




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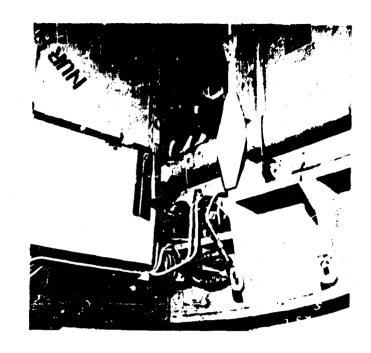


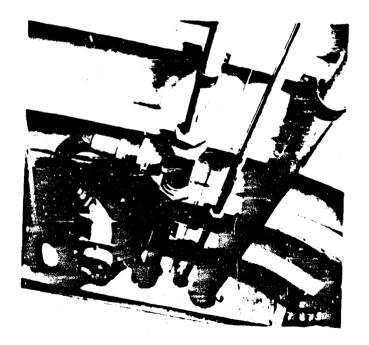


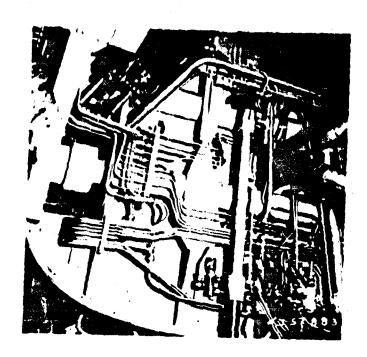




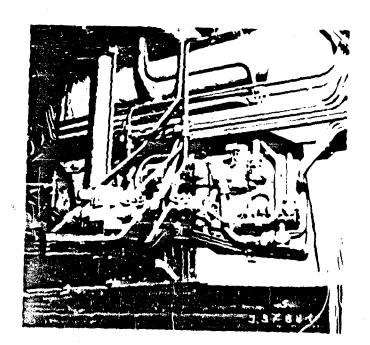


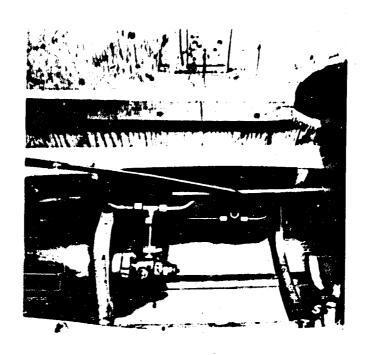




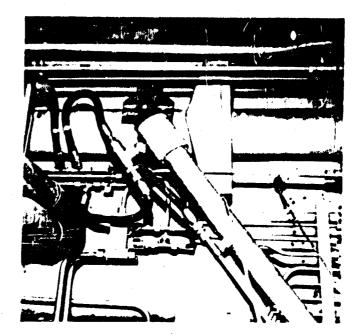


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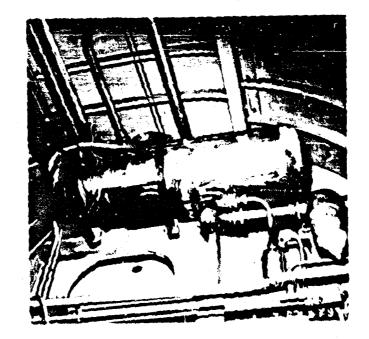




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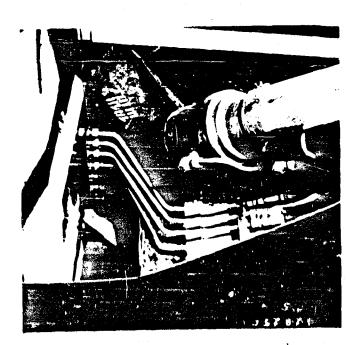


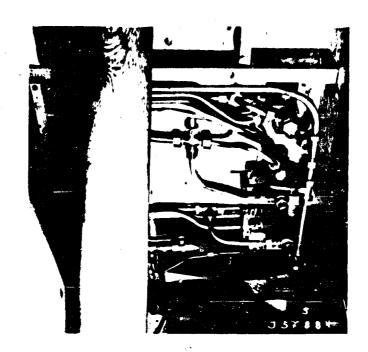


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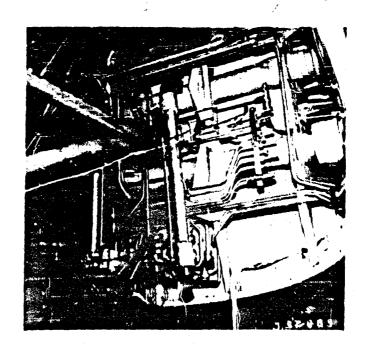




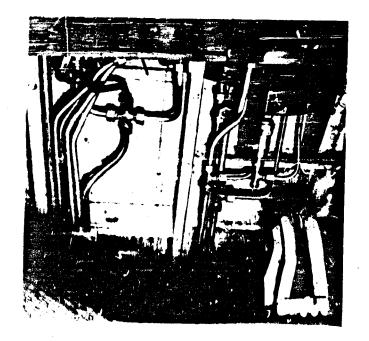




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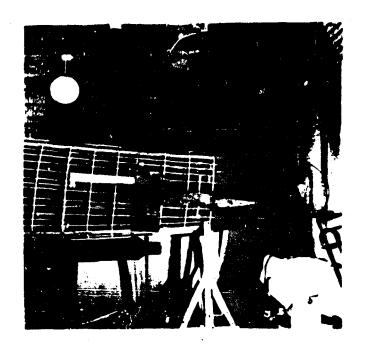






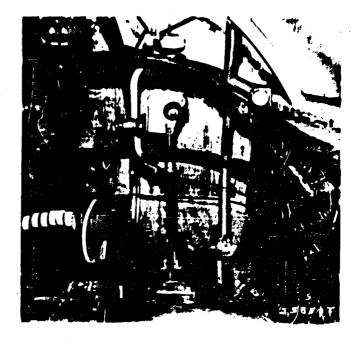
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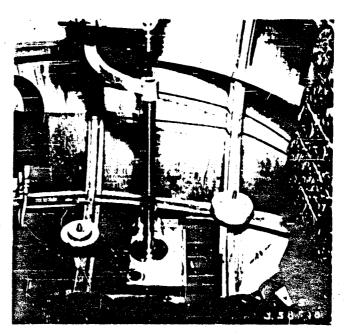


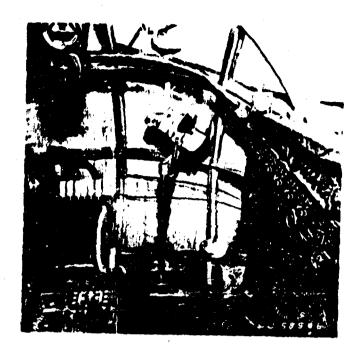






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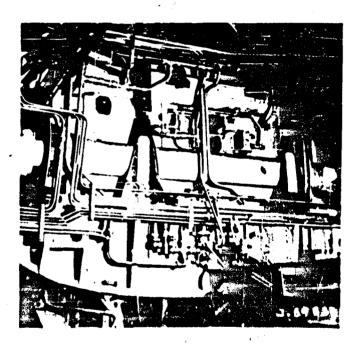


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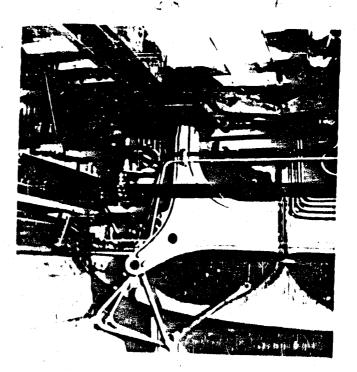


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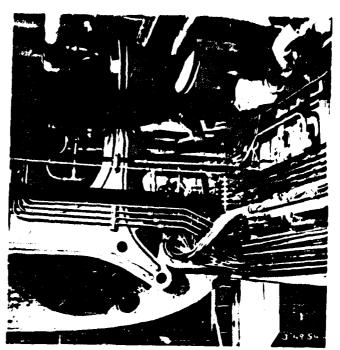




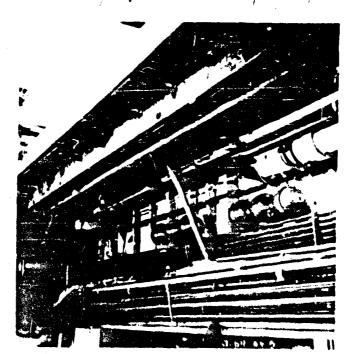


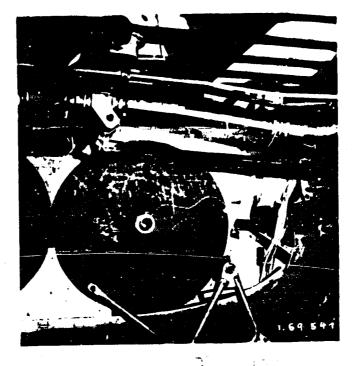
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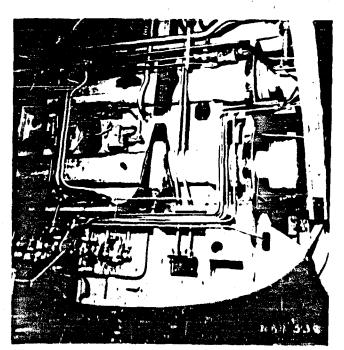




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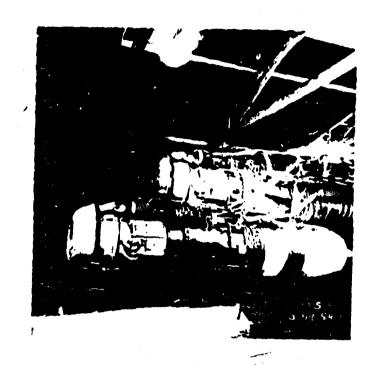


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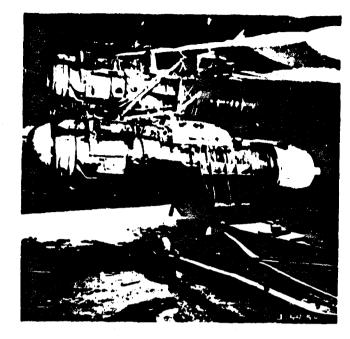
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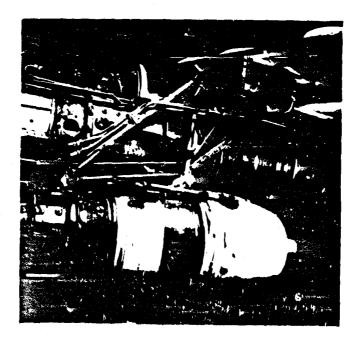
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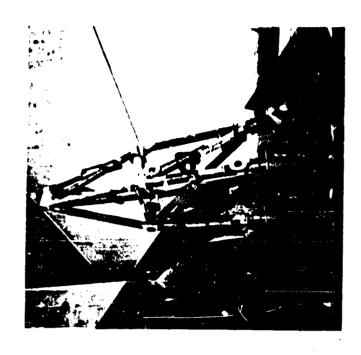


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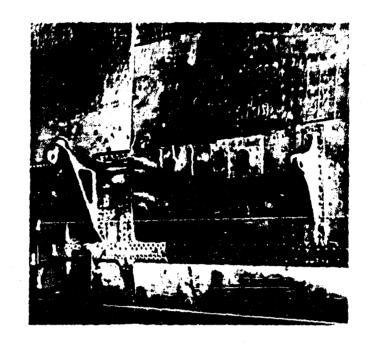




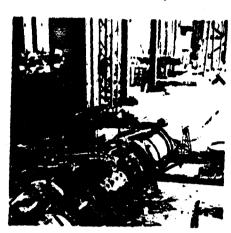


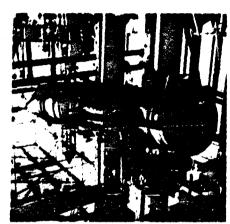




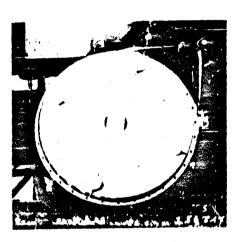


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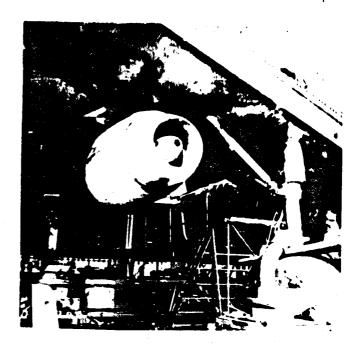




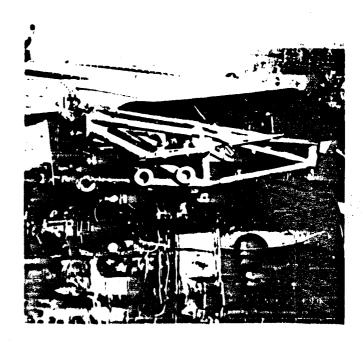


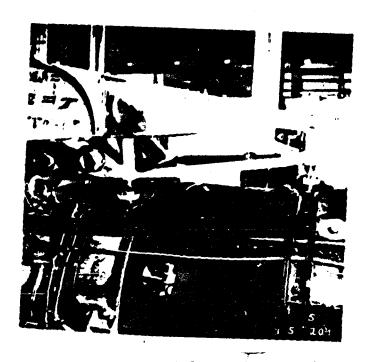
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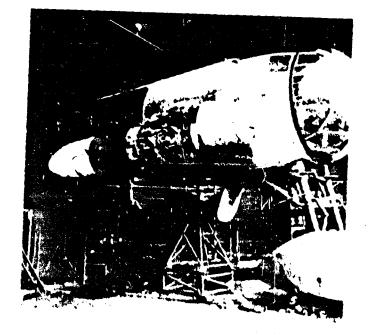
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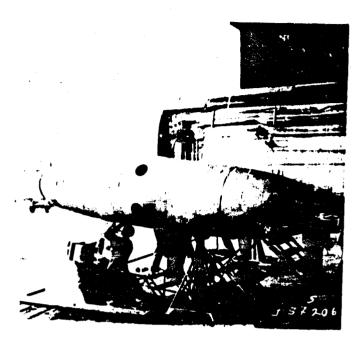


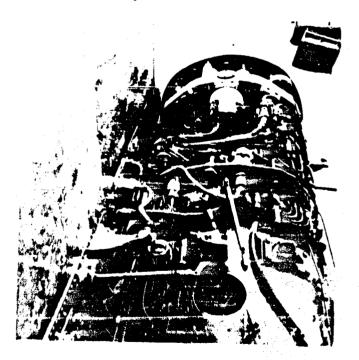


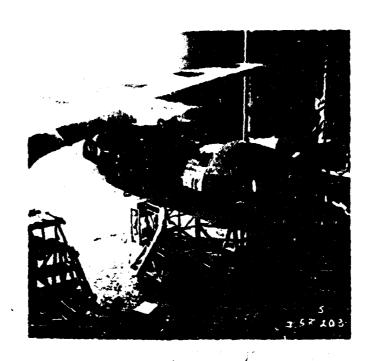


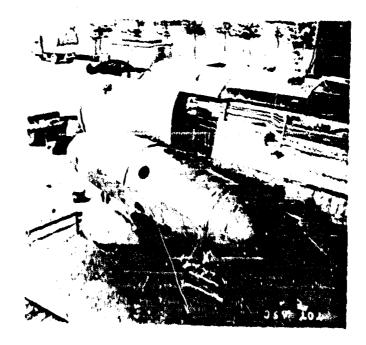




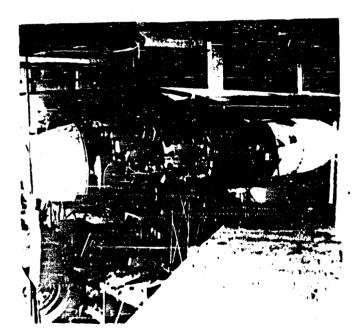








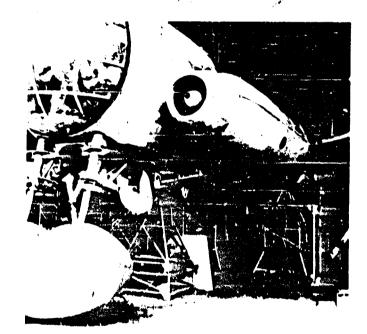
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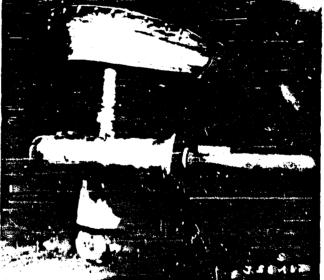


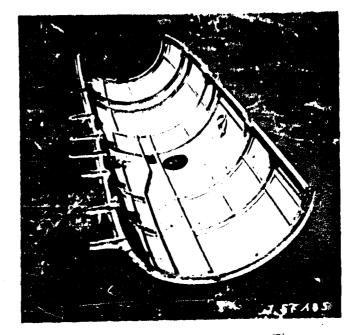
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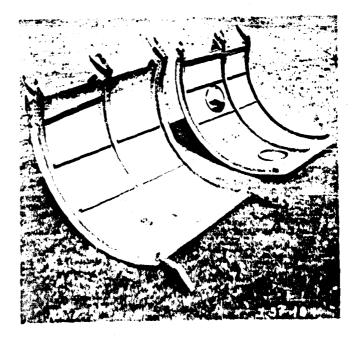
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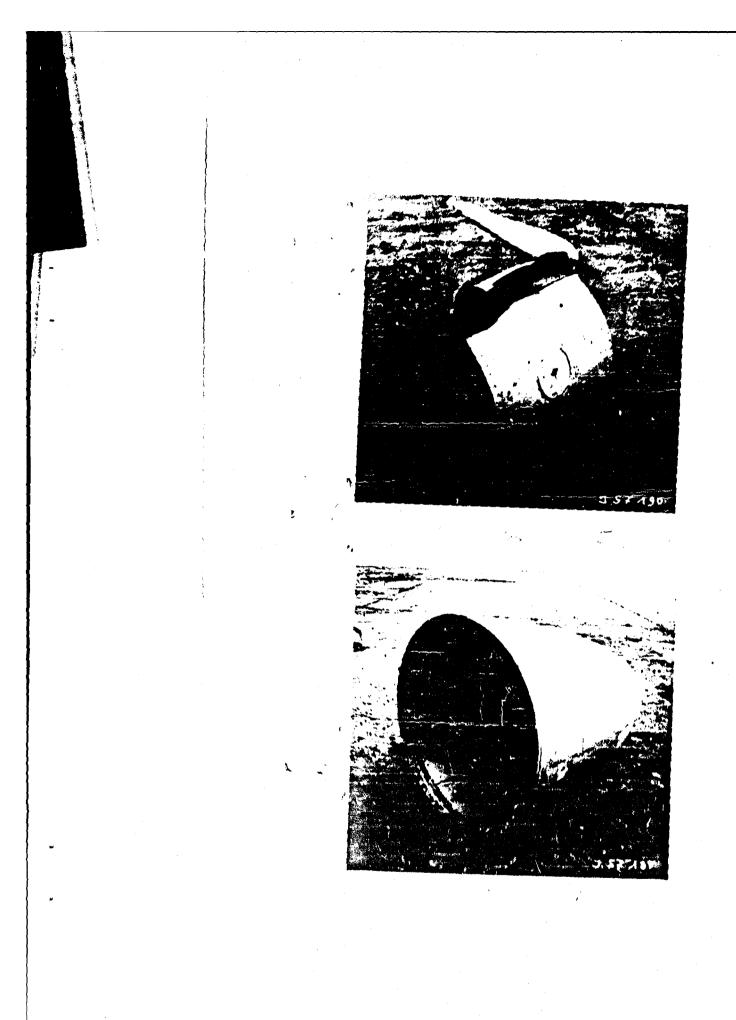


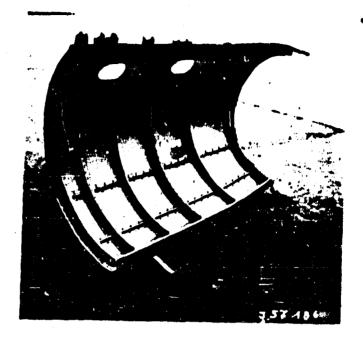




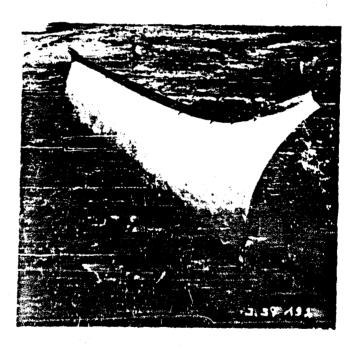
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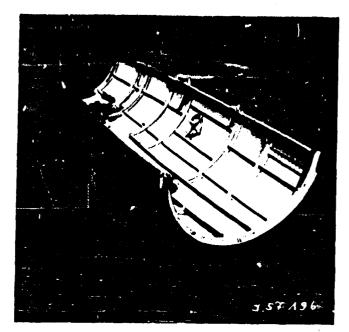


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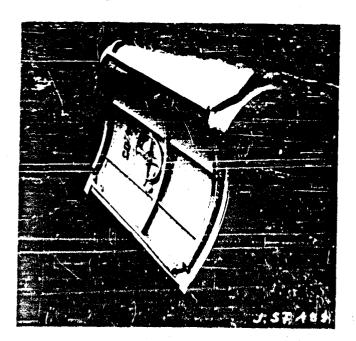








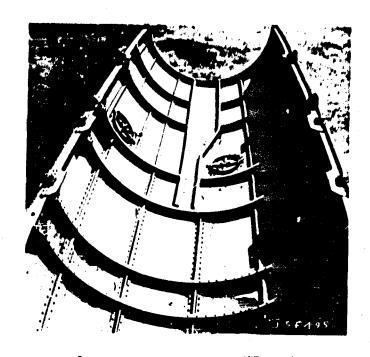
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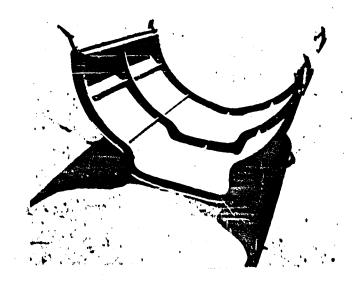


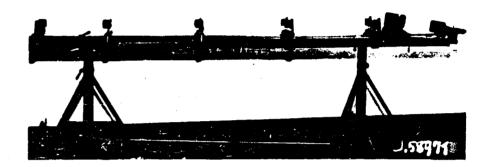
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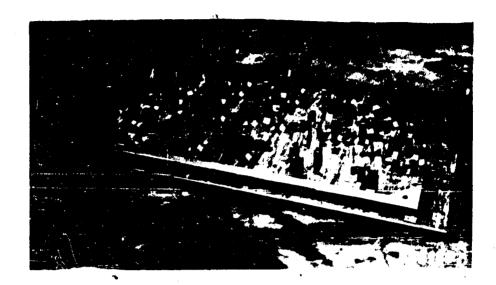




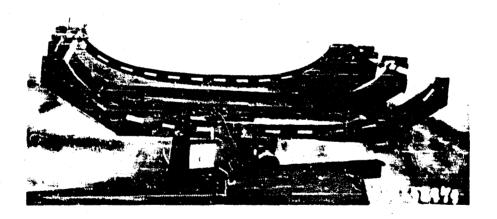
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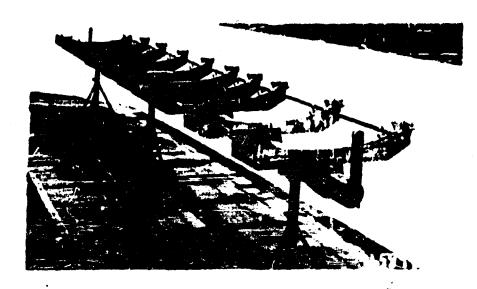
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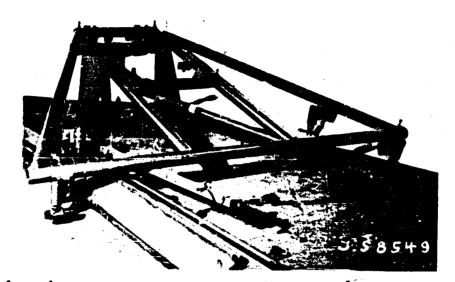
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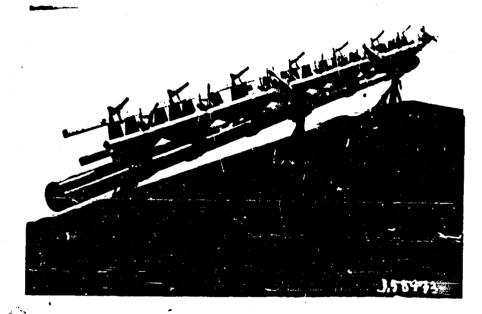
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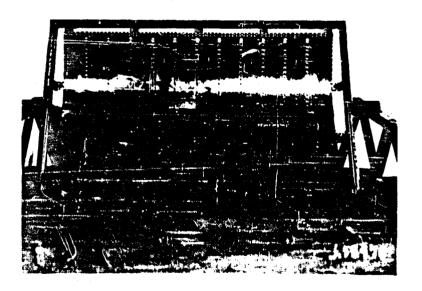
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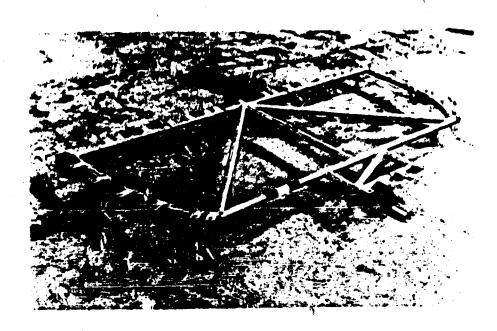
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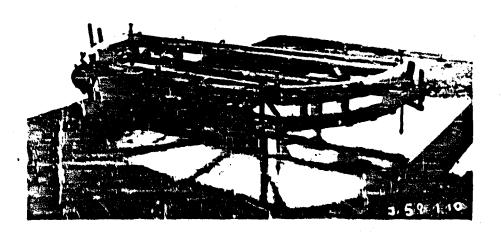
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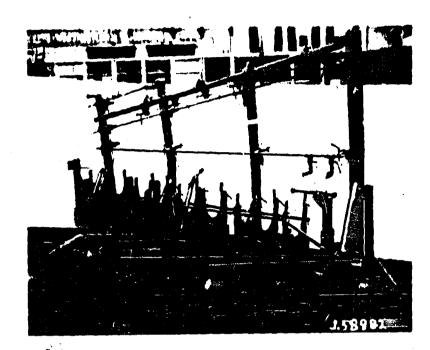
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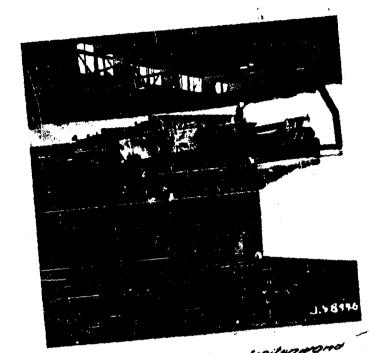
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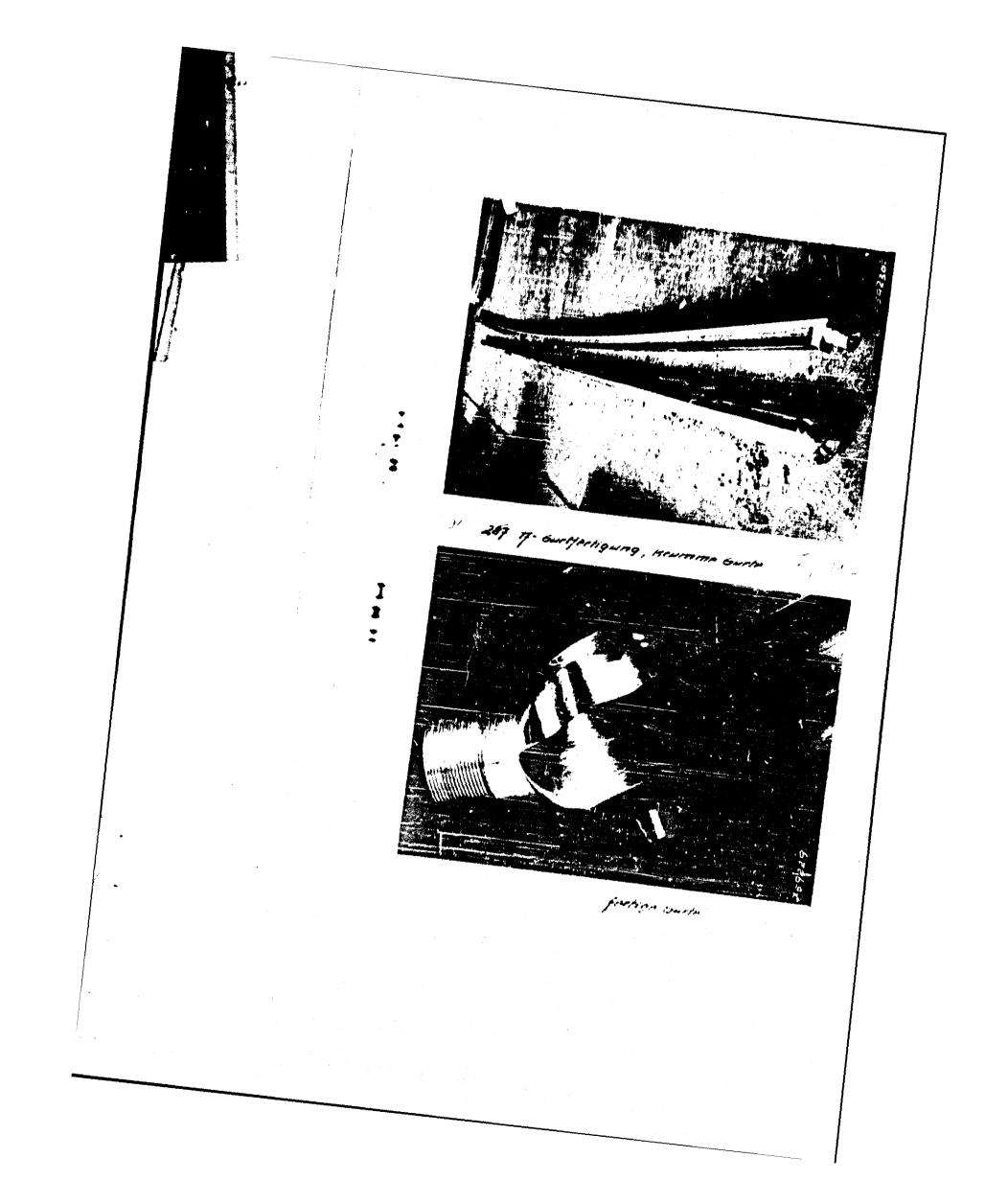


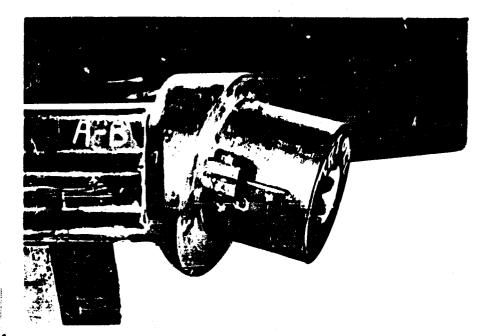
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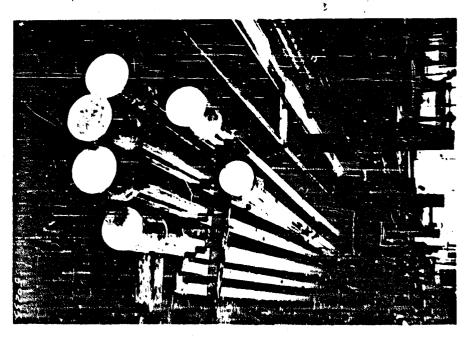






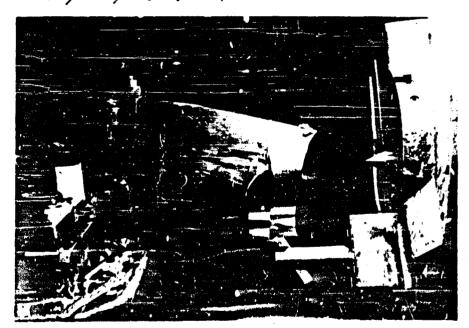
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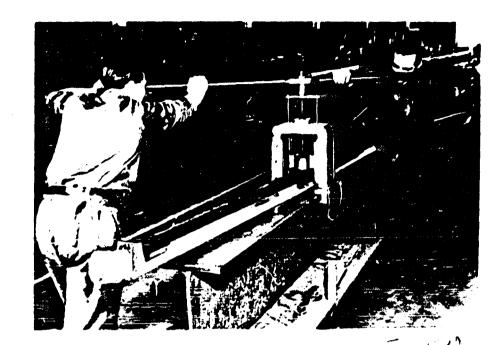


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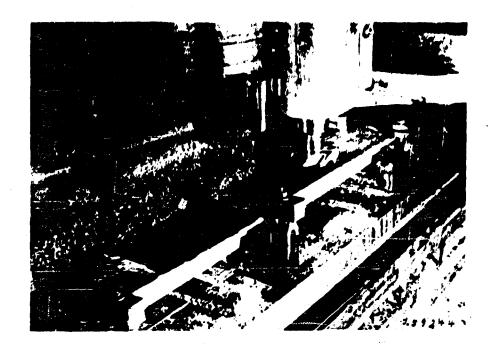


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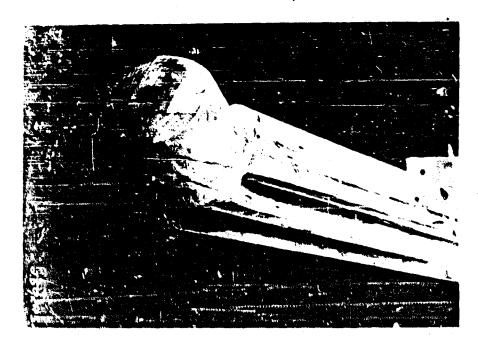
282 Tf Gurtfertigung, 190ph pionen



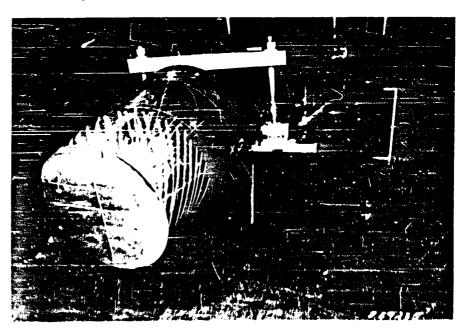
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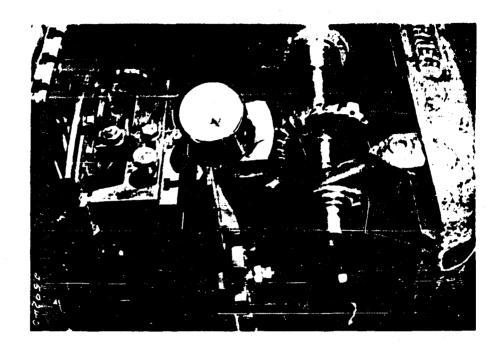


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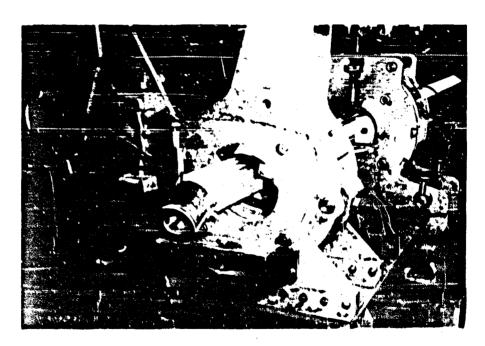


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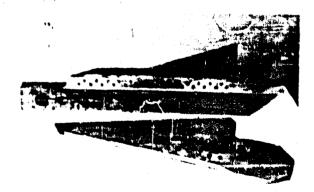


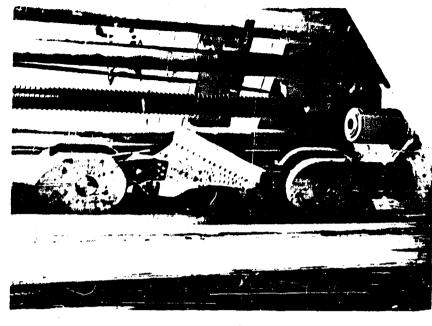




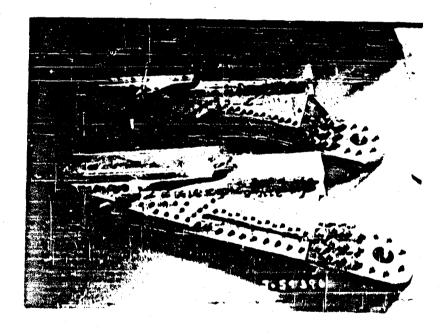






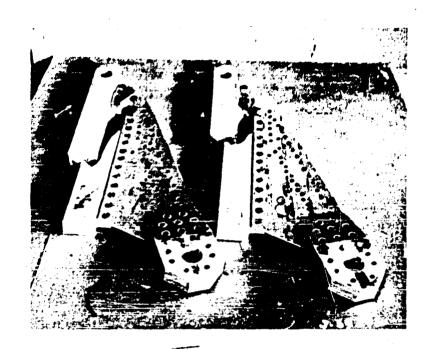


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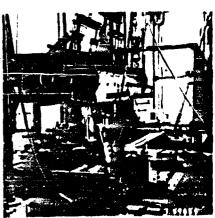
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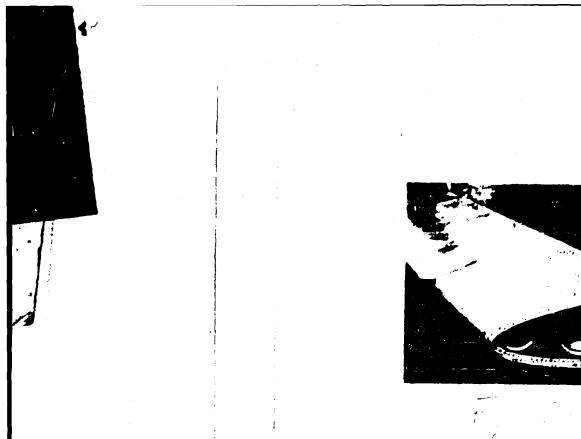


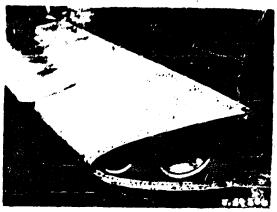
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AirC, Wright Field
Microfilm No.
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Fig. 1 - First Takeoff

Fig. 2 - First Takeoff

Fig. 2 - First Takeoff

Fig. 4 - First Landing with Break Parechute Attached

Fig. 5 - Three Quarter Front View

Fig. 6 - Three Quarter Front View

Fig. 7 - Front T'ev

Fig. 8 - Side View

Fig. 9 - Towing Bracket Attached

Fig. 10 - Three Quarter Front View

Fig. 11 - View of Right Band Engine

Pig. 12 - None Wheels

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Fig. 13 - Front View of Left Hand Landing Gear and Flap Bows

Fig. 14 - Hear View of Flap Down

Fig. 15 - Nose Lending Wheels

Fig. 16 - Nose Landing Wheels

Fig. 17 - Fueling

Fig. 18 - Si le View

Fig. 19 - Front View of Model of Jum287

Fig. 20 - Front View of Model of Ju-287

Fig. 21 - Side View of Model

Fig. 22 - Top Visu of Model

Fig. 21 - Top View of Model

Fig. 24 - Top View of Hotel

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Pig. 25 - Front View of Motel

Fig. 26 - Front View of Model

Fig. 27 - Side View of Hodel

Fig. :8 - Side View of Model

Fig. 29 - Top View of Model

Fig. 30 - Model of Ju-287/Vl in Wind Tunnel with Smoke Cartridges

Fig. 31 - Model of Ju-287/V1 in Wind Tunnel with Smoke Cartridges

Fig. 32 - Model of Ju-287/VI in Wind Tunnel with Smoke Cartridges

Fig. 33 - Side View of Model in Wind Tunnel with Smoke Cartridges

Fig. 34 - 3ese ac 33

Fig. 35 - Same as 33

Fig. 36 - Same as 33

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Fig. 37 - Same as 33

Fig. 38 - Same as 33

Fig. 39 - Same as 33

Fig. 40 - Same as 33

Fig. 41 - Same as 33

Fig. 42 - Hockup of Entran e Hatchas

Fig. 43 - Mockup of Entrance Hatches

Fig. 44 - Mockup of Wing with Front View of Turbojet

Fig. 45 - View of Fuselage Turbojet

Fig. 46 - Hear View of Wing Turbojet

Fig. 47 - View of Center Seation of Fuselage Turbojet

Pig. 48 - Ju-287 Hookup Wing - Purbojet Connection

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Fig. 49 - Puselage Turbojet Nosaie

Fig. 50 - View of Center Section of Fuselage Turbojet

Fig. 51 - Fuselage Turbojet Standard Cowling

Fig. 52 - Ju-287 Mookup Inside Covering Left Fuselage Side Wall

Fig. 53 - Moskup of Upper Part of Fuselere

Fig. 54 - Engine Hount

Fig. 55 - Light

lig. 56 - Mockup, Tail of Fuselage

Fig. 57 - Inside View of Fuselage Mookup

Fig. 58 - Moskup, Electrical System and Hydraulic Line

Fig. 59 - Same as 56

Fig. 60 - Moskup, Right Hand Mile of Gookpit

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Pig. 62 - Mookup Cookpit

Yig. 63 - Mockup Cockpit

Fig. 64 - Cockpit

Fig. 65 - Cookpit

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Fig. 66 - Mockup, Nosewheel

Fig. 67 - Mockup, Nosewheel Well

Fig. 68 - Top View of Pilot Seat

Fig. 69 - Top View of Nosewheel Well

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Fig. 70 - Radio Compartment

Fig. 71 - Bomb Bay

Fig. 72 - Bomb Bay

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Fig. 74 - Mockup of Triple Turbojet Installation

Fig. 75 - Mydraulic Lines and Push Rod Installation

Fig. 76 - Control Column and Wheel

Fig. 77 - Cockpit

Fig. 78 - Radio Compartment

Fig. 79 - Fuel Tank Access Cover

Fig. 80 - Mockup Control Line Installation in the Wing Leading Edge

Fig. 61 - Bomb Bay Right Hand Side

Fig. 82 - Landing Gear Shock Strut

Fig. 83 - Hydraulic Lines Installation Inside of Bomb Ray

Pig. 84 - Bomb Bay

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Fig. 85 - Radio Compartment
Fig. 85a - Bomb Bay, Bottom View
Fig. 85b - Piping, Bomb Bay, Cables and Hydraulic Installations

Fig. 66 - Hydraulic and Fuel Lines Installation

Fig. 87 - Control Rods Installation

Fig. 88 - Radio Compartment

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Fig. 89 - Bomb Aiming Device

Fig. 90 - Inside Fuselage

Fig. 91 - Inside Fuselage Fig. 91a - Inside Fuselage Fig. 91b - Inside Fuselage

Fig. 92 - Fuel Lines

Fig. 93 - Main Landing Gear Shook Strut

Fig. 94 - Fuselage Installations

Fig. 95 - Fuselage Installations
Fig. 95a - Fuselage Installations
Fig. 95b - Fuselage Installations
Fig. 95d - Fuselage Installations
Fig. 95d - Fuselage Installations
Fig. 96 - Rydraulis Lines Installation

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Fig. 97 - Hydraulic Lines Installations Fig. 97b - Hydraulic Lines Installations Fig. 97b - Hydraulic Lines Installations

Fig. 98 - Fuel Filter

Fig. 99 - Nose Wheel Strut

Fig. 100 - Installation Details

Fig. 101 - Installation Details

Fig. 102 - Installation Details

Fig. 103 p Installation Details

Fig. 104 - Installation Details

Fig. 105 - Installation Details

Fig. 106 - Mockup Inside Fuselage

Fig. 107 - Mockup Incide Functage

Fig. 108 - Empennage Installation

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Fig. 109 - Fuel Tank Installation

Pig. 110 - Monkup Pilote Compartment Bombaite

Fig. 111 - Bombette

Fig. 112 - Mockup Filots Compartment, Sombaite

Fig. 113 - Auxiliary Periscope

Fig. 114 - Installation Details, Bomb Bay

Fig. 115 - Installation Details, Bomb Bay

Fig. 116 - Installation Datails, Bomb Bay

Fig. 117 - Installation Details, 30mb Bay

Pig. 118 - Installation Details, Bomb Bay

Fig. 119 - Installation Setails, Bomb Bay

Fig. 120 - Installation Details, each may

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Fig. 121 - Installation Details, Bomb Bay

Fig. 122 - Installation Octails

Fig. 123 - Installation Details

Fig. 124 - Turbojet Engine without Cowling

Fig. 125 - Installation Detail of Turbojet Engine

Fig. 126 - Sideview of Triple Turboyat Installation

Fig. 127 - Frontview of Triple Turbojet Installation

Fig. 128 - Top View of Triple Turbojet Installation

Fig. 129 - Side View of Triple Turbojet Installation

Fig. 130 - Final Installation "Branfis"

Fig. 131 - Final Installation "Brandis"

Fig. 142 - Cloubstonal Outland

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Pig. 133 - Jus287/V3 Turbojet Engine on feat itend

Fig. 134 - Ju-287/V3 Turbojet Ungine on Test Stand

Fig. 135 - Installation of Surbojet

Fig. 136 - Mossle of Turbojet Engine

Fig. 137 - Turbojet Engine on Test Phani

Fig. 138 - Wing Turbojet Installed

Fig. 139 - Wing Engine Mount

Fig. 140 - Wing highe Mount

Fig. 141 - Furringe Turbojet Engine

Fig. 142 - Fuselings Turbojet Engine Complete with Couling

Fig. 143 - Functions Supported to Since Top Since with Souther Removed

Str. 144 - Alght burt Mila Wing Surbajat Installatin

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Pico 145 - Lars Hand Tusolage Turbojet Installed

Fig. 146 - Right Hand Wing Turbojet Installed

Fig. 147 - Wing Turbojet and Mount

Fig. 148 - Bottom View of Right Hand Fuselage furbojet

Fig. 149 - Front View of Left Hant Tuselage Turbojet

Fig. 150 - Ju-237 Model Armament Installation

Fig. 151 - Auxiliar: Pariscope Installation

Fig. 152 - Same As 151

Fig. 153 - Same as 151

Fig. 194 - Engine Cowling

Title 195 - Shigton doubling

Bir. 176 - Ingina doubling

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Fig. 137 - Ungine doubling

Fig. 158 - Ungine Cowling

714. 159 - Engine Cowling

Fig. 160 - Engine Cowling

Fig. 101 - Engine Cowling

Fig. 162 - Engine Cowling

Fig. 1/3 - Engine Cowling

Fig. 164 - Engine lowling

Fig. 15 - Ingine Sowling

Fig. 166 - Jig for Mabiliage Space

Mo. 147 - Mg for Upper Park of Bulkhood 6

. Place Det - The Cortesor Post of Bulk and to

Pat la Milliare)

Fig. 169 - Jig for thin between Butkhend 6 and 7

Fig. 170 - Jig for Skin (Wood)

Fig. 171 - Jig for Bomb Garrier and Sunk Flooring

Fig. 172 - Fuselege Connecting Jig

Fig. 173 - Jig for Lower Spar

Fig. 174 - Jig for Lover Spac

Fig. 175 - Jig and Template for Tenk Cover

Fig. 176 - Fuselage and laseably Jig for Bulkhead 7

Fig. 177 - Femelage Jig .

Fig. 178 - Assembly Jig for Buller

Fig. 179 - Assembly Sig for Rullar

Mig. 180 - Jig fie Buielage Mite

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Fig. 181 - Sig for Justinge Sile

Fig. 182 - Finishing the Spar Cap, Sent Cap

Fig. 1/3 - Finished Spar Cap

Fig. 184 - Molded Part of Spar Cap, Wooden Mercel

Fig. 185 - Blanks

Fig. 186 - Finishing the Spar Cap, Orilling of the Root

Fig. 187 - Rough Sutting of Spar Cap Root

Fig. 188 - Bending of the Spar Cap

Fig. 199 - Inspection

Fig. 190 - Finishing the Open Cap, Cutting the Cost

Fig. 191 - Fint thing the Span Sap, Sutting the Boot

#1/4 172 - Milling

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DEPARTMENT OF THE AIR FORCE

HEADQUARTERS AIR FORCE MATERIEL COMMAND WRIGHT-PATTERSON AIR FORCE BASE OHIO

MEMORANDUM FOR HQ AFMC/HO
ATTENTION: DR. WILLIAM ELLIOTT

FROM: HQ AFMC/PAX

4 5 MAY 2008

SUBJECT: Security and Policy Review, Case AFMC 95-276

1. The reports listed in Attachment 1 were reviewed for security and policy IAW AFI 35-205 (now AFI 35-101), and were cleared for public release. According to our logs, the material was reviewed by HQ AFMC/PA and by SAF/PAS. It was our case number AFMC 95-276, and Air Staff's number SAF/PAS 95-0995. It was cleared for public release 22 Nov 95. All the material is releasable to the public, without restriction.

2. If you have any questions or comments, please call me at 77828. Thanks.

Security and Policy Review
Office of Public Affairs

Attachment:

1. HQ AFMC/HO Ltr 12 Oct 95

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